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ABSTRACT



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Disclosed is an air blower apparatus comprising a hub (14) which is a center of rotation, and a plurality of blades (13, 13, 13) disposed along an outer peripheral surface of the hub (14) and having leading and trailing edges (13a) and (13b) wherein both an outer peripheral end of the leading edge (13a) and an outer peripheral end of the trailing edge (13b) lie ahead relative to the rotative direction. An outer peripheral part (13c) of the blade (13, 13, 13) is bent toward the suction side in such a way as to form a starting point at which an air flow starts leaking, and the radial-direction width, W , of the bent part gradually increases from the vicinity of the leading edge (13a) to the vicinity of the trailing edge (13b). A blade tip vortex (β) generated from a blade (13) positioned ahead relative to the rotational direction F and a separation vortex from a pressure surface of a blade (13) positioned behind relative to the rotational direction F offset each other, whereby discharge vortexes are suppressed.